Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012921\
Data File : VW018001.D
Acq On : 29 Jan 2021 14:56
Operator : SY/VA
Sample : VSTD02506
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD02506

Quant Time: Jan 29 15:54:30 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
Quant Title : VOC Analysis
QLast Update : Fri Jan 29 15:52:52 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	8.841	114	327715	25.00	ug/L		0.00
28) Chlorobenzene-d5	11.634	117	297739	25.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	160522	25.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.355	65	101596	24.23	ug/L		0.00
7) Chloroethane-d5	2.891	69	79951	20.07	ug/L		0.00
10) 1,1-Dichloroethene-d2	4.031	63	205320	24.92	ug/L		0.00
20) 2-Butanone-d5	7.073	46	62568	59.06	ug/L		0.00
24) Chloroform-d	7.646	84	215938	24.75	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.305	65	115594	25.44	ug/L		0.00
29) Benzene-d6	8.274	84	411965	25.02	ug/L		0.00
33) 1,2-Dichloropropane-d6	9.274	67	114482	24.56	ug/L		0.00
37) Toluene-d8	10.323	98	394094	25.26	ug/L		0.00
38) trans-1,3-Dichloroprop...	10.579	79	54288	27.20	ug/L		0.00
39) 2-Hexanone-d5	10.926	63	51755	65.37	ug/L		0.00
48) 1,1,2,2-Tetrachloroeth...	12.688	84	112104	29.10	ug/L		0.00
61) 1,2-Dichlorobenzene-d4	13.853	152	144427	25.70	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.013	85	117762	24.70	ug/L		99
3) Chloromethane	2.215	50	86904	20.12	ug/L		100
5) Vinyl chloride	2.367	62	123941	25.96	ug/L		99
6) Bromomethane	2.781	94	83803	21.06	ug/L		99
8) Chloroethane	2.928	64	72346	21.37	ug/L		98
9) Trichlorofluoromethane	3.257	101	86470	25.01	ug/L		100
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	127302	27.42	ug/L	#	66
12) 1,1-Dichloroethene	4.050	96	118243	27.70	ug/L		94
13) Acetone	4.117	43	42578	49.64	ug/L		95
14) Carbon disulfide	4.391	76	349448	28.37	ug/L		99
15) Methyl Acetate	4.665	43	53490	30.50	ug/L		97
16) Methylene chloride	4.921	84	114484	20.96	ug/L		94
17) Methyl tert-butyl Ether	5.421	73	132760	28.48	ug/L		98
18) trans-1,2-Dichloroethene	5.427	96	123632	26.30	ug/L		95
19) 1,1-Dichloroethane	6.220	63	196544	25.00	ug/L		98
21) 2-Butanone	7.165	43	69973	62.55	ug/L		94
22) cis-1,2-Dichloroethene	7.171	96	126717	26.38	ug/L		97
23) Bromochloromethane	7.512	128	59805	27.26	ug/L		97
25) Chloroform	7.677	83	214673	25.46	ug/L		99
27) 1,2-Dichloroethane	8.396	62	141505	26.02	ug/L		100
30) Cyclohexane	7.951	56	190845	26.50	ug/L		95
31) 1,1,1-Trichloroethane	7.872	97	181092	27.13	ug/L		99
32) Carbon tetrachloride	8.067	117	175065	27.14	ug/L		100
34) Benzene	8.323	78	462335	25.98	ug/L		100
35) Trichloroethene	9.091	95	131637	26.43	ug/L		98
36) Methylcyclohexane	9.335	83	231642	27.29	ug/L		97
40) 1,2-Dichloropropane	9.366	63	106281	24.82	ug/L		99
41) Bromodichloromethane	9.646	83	151887	26.55	ug/L		97
42) cis-1,3-Dichloropropene	10.073	75	172755	27.18	ug/L		100
43) 4-Methyl-2-pentanone	10.207	43	149054	59.68	ug/L		94
44) Toluene	10.390	91	511837	26.12	ug/L		96
45) trans-1,3-Dichloropropene	10.603	75	153117	27.68	ug/L		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1,2-Trichloroethane	10.786	97	94550	29.09	ug/L		95
47) Tetrachloroethene	10.859	164	115565	28.66	ug/L		93
49) 2-Hexanone	10.969	43	107925	61.84	ug/L		95
50) Dibromochloromethane	11.128	129	110891	28.86	ug/L		99
51) 1,2-Dibromoethane	11.237	107	94413	29.64	ug/L	#	97
52) Chlorobenzene	11.658	112	335166	26.40	ug/L		99
53) Ethylbenzene	11.731	91	588855	26.39	ug/L		98
54) m,p-Xylene	11.841	106	224050	26.07	ug/L		97
55) o-xylene	12.164	106	212268	26.58	ug/L		98
56) Styrene	12.182	104	360074	26.62	ug/L		100
57) Isopropylbenzene	12.463	105	603066	26.82	ug/L		99
58) 1,1,2,2-Tetrachloroethane	12.713	83	116168	30.02	ug/L		99
59) 1,2,3-Trichloropropane	12.768	75	89100	31.31	ug/L		99
62) Bromoform	12.347	173	69076	31.86	ug/L		99
63) 1,3-Dichlorobenzene	13.499	146	267893	25.83	ug/L		95
64) 1,4-Dichlorobenzene	13.578	146	268301	25.90	ug/L		94
65) 1,2-Dichlorobenzene	13.871	146	246485	26.79	ug/L		99
66) 1,2-Dibromo-3-chloropr...	14.481	75	21095	32.28	ug/L		96
67) 1,3,5-Trichlorobenzene	14.627	180	213125	28.41	ug/L		99
68) 1,2,4-trichlorobenzene	15.133	180	177408	28.55	ug/L		97
69) Naphthalene	15.365	128	376700	31.16	ug/L		99
70) 1,2,3-Trichlorobenzene	15.554	180	159220	29.54	ug/L		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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